

The NJ/300 is a new, low cost, non-counting, paper tape perforating keyboard designed for use with the Mergenthaler V-I-P as well as other phototypesetters. Standard features or options include many advanced capabilities such as Formats, Visual Display, and Multi-code Keys.

Mergenthaler

NJ/300

Keyboard



NJ/300 is a new, low-cost, non-counting tape-perforating keyboard which is compatible with the Mergenthaler Micomp keyboard layout and touch, permitting both units to produce tape interchangeably for the V-I-P without modifying their basic configurations. It is designed to make the most complex typesetting as easy to input as straight matter. Virtually every character can be accessed with a single keystroke, and frequently used commands are generated by standard multi-code keys. A unique Mergenthaler feature is the addition of a fifth and sixth row of keys which allows the user to access with a *single keystroke* characters which on most other keyboards require two or more keystrokes.

The NJ/300 is completely programmable and available in secretarial and TTS modes. Output is 6-, 7-, or

8-level paper tape. Basic keyboard configuration includes standard alpha/numeric and typographic function keys plus 26 additional automatic Super-shift/Shift keys. A 16-format option provides easy access to user generated formats. A visual display option allows the last 32 characters keyed to be displayed. Other options include user specified multi-codes and multiple drum access facilities.

While the NJ/300 is a production oriented input device, designed to enable easy implementation of the considerable flexibility built into the Mergenthaler V-I-P, it can be factory programmed to meet the input requirements of any phototypesetter.

STANDARD FEATURES

Front Panel Display:

Seven status displays—Unshift, Shift, Supershift, Lower Rail, Upper Rail, Format, Punch off. Supershift display will light if Supershift is depressed and the Shift and Unshift lights are dark.

Shift Configuration:

Secretarial and TTS type. Keyboards can emulate any non-justified, off-line or 90 key TTS keyboards manufactured by Mergenthaler.

Keys:

125 light-touch keys which utilize the "no moving part—Hall effect" are provided in the standard configuration. Keys have white engraving on gray. Instruction keys are internally illuminated.

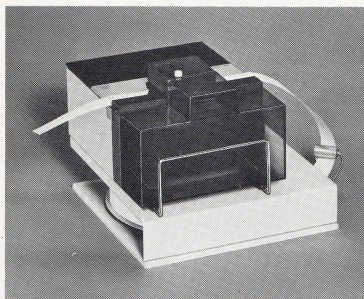
In addition to the normal secretarial and TTS layout, there are 13 automatic supershift keys on the top row of the keybank and 13 automatic shift keys immediately below the supershift keys.

Standard Multi-Code Keys:

Multi-code keys are provided for the following functions: Font, Line Measure, Film Advance, Point Size, Hanging Indent and Paragraph Indent.

Tape Editing:

Tape code errors apparent to the operator may be simply remedied. Deletion of Last Character, Last Word and Line Deletion coding are standard.



Tape Punch:

The NJ/300 utilizes the very reliable GNT punch and tape dispenser. TTS advance feed 6-, 7-, or 8-channel punch with 1,000 ft. paper tape dispenser. Punch speed is 40 characters per second.

OPTIONAL FEATURES

Visualizer:

63 different characters can be displayed, 32 at any one time. 7x5 dot matrix provides bright, flicker-free display.

Format and Text Storage:

Operator-programmed bank of 16 locations from the 8 keys can store up to 32 characters (plus associated flags) in a volatile memory.

User Selected Multi-Codes:

The two top rows of the keyboard (5th and 6th rows, 32 keys), are available for user selected and factory programmed multi-codes in place of standard configuration "Shift" and "Supershift" characters. Each of the 32 keys may represent up to 8 codes each. These multi-code keys must be specified at time of order and are "Firmware" programmed at factory and not user programmable.

Multiple Drum V-I-P:

For multiple drum V-I-P users, keys specifically programmed to provide access to the B and C drums on the V-I-P are supplied.

SPECIFICATIONS

Power Requirements:

110/240 VAC, single phase,
50 and 60 cycles

Dimensions:

Height 8" (23 cm)
Depth 24" (60 cm)
Width (on line) 25½" (65 cm)
(off line with punch) 36" (90 cm).

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